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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/730,758
Filing Date	12/08/2003
First Named Inventor	Lee, D.
Group Art Unit	
Examiner Name	
Attorney Docket Number	AZMT/002P1
Submission Date	

PART A

U.S. PATENT DOCUMENTS

toitials* No.1		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code ^{2 (# known)}	MM-DD-YYYY	Applicant of Cited Document		
1/1/	A1	US-4,778,326	10-18-1988	Althouse et al.		
714	A2	US-5,144,709	09-08-1992	Rooney		
	A3	US-5,612,513	03-18-1997	Tuttle et al		
	A4	US-5,776,798	07-07-1998	Quan et al.		
	A5	US-5,801,074	09-01-1998	Kim et al.		
	A6	US-5,869,353	02-09-1999	Levy et al.		
	A7	US-5,923,958	07-13-1999	Chou	\	
	A8	US-6,004,833	12-21-1999	Kovats et al.		
•	A9	US-6,222,738	04-24-2001	Maeno et al.	X	
	A10	US-6,242,284	06-05-2001	Kang et al		
•	A11	US-6,284,569	09-04-2001	Sheppard et al.	100	
	A12	US-6,384,472	05-07-2002	Huang		
	A13	US-6,428,650	08-06-2002	Chung		
	A14	US-6,474,477	11-05-2002	Chang		
	A15	US-6,482,675	11-19-2002	Hsu et al.		
	A16	US-,6621,161	09-16-2003	Miyawaki		
M	A17	US-2002/0014687	02-07-2002	Gotoh et al.		
	A18	UŞ-				

		FORE	IGN PATENT	DOCUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or	T⁵
Initials* No.1 Country Code3-Num	Country Code ³ -Number ⁴ -Kind Coode ⁸ (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Figures Appear		
M	B1	JP 59-96749	06-04-1984	Matsushita Electric Works		
M	B2	JP 63-127556	05-31-1988	Fuji Electric Co.	X	\geq
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Substitute for form 1449A/PTQ		Application Number	10/730,758		
			Filing Date	12/08/2003	
INFORMATION DISCL	.OSUR	E	First Named Inventor	Lee, D.	
STATEMENT BY APP	STATEMENT BY APPLICANT		Group Art Unit		
			Examiner Name	Date 12/08/2003 Named Inventor Lee, D. O Art Unit	
(Use as many sheets as necessary)		Attorney Docket Number	AZMT/002P1		
Sheet 2	of	Sheet	2		9

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			U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (I known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
· A	A1	US-6,294,408	09-25-2001	Edwards et al.	135001470
A	A2	US-6,521,482	02-18-2003	Hyoudo et al.	
	A3	US-			
+	A4	US-			
	A5	US-	 		
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Coode ⁶ (if for	Publication (MM-DD-YY		Pages, Columns, Lines, T Where Relevant Passages or Relevant Figures Appear
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